

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

HILLFORTH, Mikael

Serial No. : 10/537,632

Filed: June 3, 2005

AN APPARATUS FOR DETECTING ANI-  
MALS

Docket No. 36211

Confirmation No.:

Group Art Unit No. 3643

Customer No.: 23589

Examiner:

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**REQUEST FOR CORRECTED FILING RECEIPT**

Applicant respectfully requests a corrected filing receipt because the Filing Receipt issued November 16, 2005, while correctly listing the title of the application, the priority to Swedish Application No. 02360.6 filed December 3, 2002, and the PCT application No. PCT/SE03/01859 filed December 1, 2003, it incorrectly identifies the inventor. In particular, rather than the inventor Mikael Hillforth whose name appears on the Combined Declaration and Power of Attorney and elsewhere throughout the application papers as submitted, the Filing Receipt issued November 16, 2005 lists as the inventors three individuals with no connection to the application: Yasuhior Kajihara, Kanagawa, JAPAN; Kazuaki Kakehi, Nara, JAPAN; and Kazuhiro Fukae, Tokushima, JAPAN. Copies of the transmittal papers for both the original filing and for the submission of the Combined Declaration and Power of Attorney; the Combined Declaration and Power of Attorney; the post card receipts for both transmission; and a copy of the of the cover page of the parent PCT application are attached. Also attached please find the Filing Receipt which issued in error, with the corrections made thereon. An Application Data Sheet is also attached.

Applicant has also noted a missing number on the filing receipt in regard to the Priority Application Serial Number. This should be corrected to "SWEDEN 0203580-6

12/03/2003" from "SWEDEN 023580.6 12/03/2002". See the attached page from the PCT publication and the Combined Declaration and Power of Attorney.

Applicant has previously requested issuance of a corrected filing receipt on January 9, 2006, but no response has been received in regard to this request.

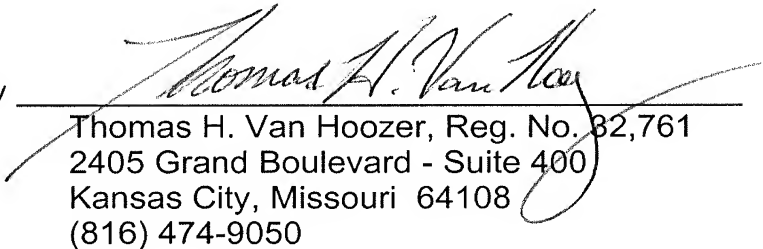
Applicant submits that the error in the filing receipt is that of the Office, and that no fees are due in connection with this request. However, should any fees be required, the Commissioner is authorized to charge Deposit Account 19-0522 in regard to this submission and request.

Kindly advise the undersigned of the status of this request.

Respectfully submitted,

HOVEY WILLIAMS LLP

By

  
Thomas H. Van Hoozer, Reg. No. 82,761  
2405 Grand Boulevard - Suite 400  
Kansas City, Missouri 64108  
(816) 474-9050

(Docket No. 36211)

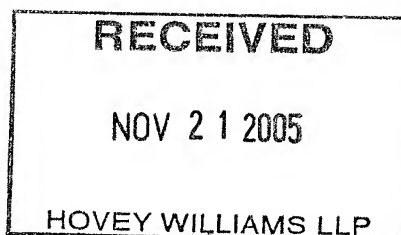


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/537,632	07/25/2005	3643	1130	36211	2	20	1

23589  
 HOVEY WILLIAMS LLP  
 2405 GRAND BLVD., SUITE 400  
 KANSAS CITY, MO 64108



CONFIRMATION NO. 6374

## FILING RECEIPT



\*OC000000017464398\*

Date Mailed: 11/16/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Yasuhiko Kaihara, Kanagawa, JAPAN;  
 Kazuaki Kakehi, Nara, JAPAN;  
 Kazuhiko Fukae, Tokushima, JAPAN;

Mikael Hillforth, Alta, SWEDEN

**Power of Attorney:** The patent practitioners associated with Customer Number 23589.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/SE03/01859 12/01/2003

## Foreign Applications

~~SWEDEN 0203580-6 12/03/2002~~

SWEDEN 0203580-6 12/03/2002

Projected Publication Date: 02/23/2006

Non-Publication Request: No

Early Publication Request: No

## Title

Apparatus for detecting animals

**Preliminary Class**

119

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject

matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/537,632	Yasuhiro Kajihara	36211

INTERNATIONAL APPLICATION NO.
PCT/SE03/01859

I.A. FILING DATE	PRIORITY DATE
12/01/2003	12/03/2002

23589  
 HOVEY WILLIAMS LLP  
 2405 GRAND BLVD., SUITE 400  
 KANSAS CITY, MO 64108

CONFIRMATION NO. 6374  
 371 ACCEPTANCE LETTER



\*OC000000017464399\*

Date Mailed: 11/16/2005

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>07/25/2005</u>	<u>07/25/2005</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 06/03/2005
- Preliminary Amendments filed on 06/03/2005
- Information Disclosure Statements filed on 06/03/2005
- Oath or Declaration filed on 07/25/2005
- U.S. Basic National Fees filed on 06/03/2005
- Assignment filed on 07/25/2005
- Priority Documents filed on 06/03/2005

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

36211

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/SE2003/001859

INTERNATIONAL FILING DATE

1 December 2003

PRIORITY DATE CLAIMED

3 December 2002

TITLE OF INVENTION

AN APPARATUS FOR DETECTING ANIMALS

APPLICANT(S) FOR DO/EO/US

Mikael HILLFORTH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 597772410 US
23. ☐ Other items or information:



U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. <b>PCT/SE2003/001859</b>		ATTORNEY'S DOCKET NUMBER <b>36211</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee		\$300		\$300.00	
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations.		\$100 \$200		\$200.00	
26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations.		\$100 \$400 \$500		\$500.00	
<b>TOTAL OF 24, 25 and 26 =</b>				<b>\$1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
17 - 100 =	0 /50 =	0	x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$50.00	\$0.00	
Independent claims	1 - 3 =	0	x \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,130.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
<b>SUBTOTAL =</b>				<b>\$1,130.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1,130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$0.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1,130.00</b>	
				Amount to be	\$
				Amount to be	\$

- a. ☒ A check in the amount of \$ 1,130.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 190522. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Thomas H. Van Hoozer  
 Hovey Williams LLP  
 2405 Grand Blvd., Suite 400  
 Kansas City, MO 64108

SIGNATURE

Thomas H. Van Hoozer

NAME

32,761

REGISTRATION NUMBER

CASE # Express Mail #EV 597772410 US

MAILED:

Mikael HILLFORTH

Docket No. 36211

AN APPARATUS FOR DETECTING ANIMALS

S/N:

Filed:

10/537632

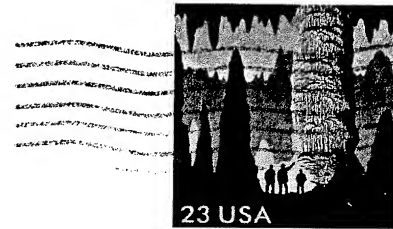
6/3/05

TVH/klg

JC10 Rec'd PCT/PTO 03 JUN 2005

Express Mail Transmittal (1 pg); Transmittal Letter Form PCTUS1 (2 pgs); International Publication No. WO 2004/049790 corresponding to ~~INSTRUMENT~~ Application No. PCT/SE2003/001859 including Abstract, Specification, Claims and TWO (2) sheets of Drawings (18 pages total); International Search Report (3 pgs); Information Disclosure Statement Transmittal and Form 1449 (3 pgs); Copy of EP-A-0 213 660 as reference (18 pgs); Preliminary Amendment Marked Up to Show Changes with re-typed Abstract (10 pgs); Second Copy of published International Application; Check in the amount of \$1,130.00 for filing fee; and Return Postcard.

The Official Mail Stop PCT of the United States Patent & Trademark Office hereon evidence of the 2003 instrument for the above-identified case has been received by the United States Patent & Trademark Office



HOVEY WILLIAMS LLP

2405 Grand Boulevard

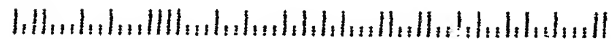
Suite 400

Kansas City, Missouri 64108

RECEIVED

JUN 20 2005

HOVEY WILLIAMS LLP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	)	Examiner: Not Yet Assigned
	)	
Mikael HILLFORTH	)	Customer No. 23,589
	)	
Serial No.: 10/537,632	)	
	)	
Filing Date: 06/03/2005	)	
	)	
Title: AN APPARATUS FOR DETECTING	)	
ANIMALS	)	

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TRANSMITTAL

Transmitted herewith is/are: Express Mail Transmittal (1 pg); Submission of Combined Declaration and Power of Attorney and Assignment Documents (1 pg); Combined Declaration and Power of Attorney (2 pgs); Assignment Recordation Cover Sheet and Assignment (2 pgs); Check in the amount of \$40.00 for assignment filing fee; and Return Postcard. This/These document(s) is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, Alexandria, VA 22313-1450 on July 1, 2005.

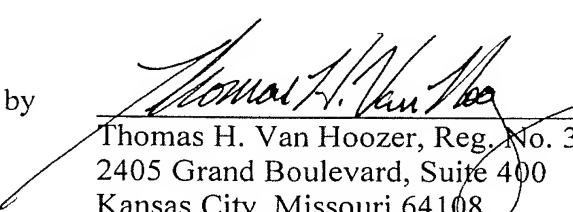
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EV 597772732 US

Respectfully submitted,

HOVEY WILLIAMS LLP

by

  
Thomas H. Van Hoozer, Reg. No. 32,761  
2405 Grand Boulevard, Suite 400  
Kansas City, Missouri 64108  
(816) 474-9050

ATTORNEYS FOR APPLICANT

(Docket No. 36211)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	)	Examiner: Not Yet Assigned
	)	Group Art Unit:
Mikael HILLFORTH	)	
	)	Cust. No.: 23589
Serial No.: 10/537,632	)	
	)	
Filed: 06/03/2005	)	
	)	
Title: AN APPARATUS FOR DETECTING	)	
ANIMALS	)	

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

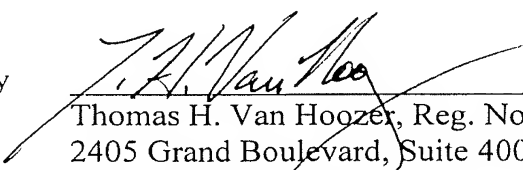
**SUBMISSION OF COMBINED DECLARATION AND POWER OF ATTORNEY  
AND ASSIGNMENT DOCUMENTS**

Applicant submits the executed combined Declaration and Power of Attorney and the Assignments documents in connection with the above-referenced case. The surcharge of \$130.00 for late filing of the declaration was paid along with the application filing fees with the submission of the application on 06/03/2005.

Respectfully submitted,

HOVEY WILLIAMS LLP

by

  
Thomas H. Van Hoozer, Reg. No. 32,761  
2405 Grand Boulevard, Suite 400  
Kansas City, Missouri 64108  
(816) 474-9050

ATTORNEYS FOR APPLICANT

(Docket No. 36211)

CASE: Express Mail #EV 597772732 US

MAILED:

Mikael HILLFORTH

Docket No. 36211

AN APPARATUS FOR DETECTING ANIMALS

S/N: 10/537,632

Filed: 06/03/2005

7/1/05

TVH/klg

JC04 Rec'd PCT/PTO 01 JUL 2005

INSTRUMENT:

Enclosed are: Express Mail Transmittal (1 pg); Submission of Combined Declaration and Power of Attorney and Assignment Documents (1 pg); Combined Declaration and Power of Attorney (2 pgs); Assignment Recordation Cover Sheet and Assignment (2 pgs); Check in the amount of \$40.00 for assignment filing fee; and Return Postcard.

TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

The official date stamp of the United States Patent & Trademark Office hereon evidence of the fact that subject instrument for the above-identified case has been received by the United States Patent & Trademark Office



HOVEY WILLIAMS LLP

2405 Grand Boulevard

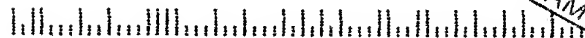
Suite 400

Kansas City, Missouri 64108

RECEIVED

JUL 15 2005

HOVEY WILLIAMS LLP



COMBINED DECLARATION FOR TITLE APPLICATION AND POWER OF ATTORNEY  
(includes Reference to PCT International Applications)

PAT 8040 US  
53643 US  
Attorney's docket No.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AN APPARATUS FOR DETECTING ANIMALS

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application.

Serial No. \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable).

☒ was filed as PCT international application

Number PCT/SE03/01859

on 1 December 2003

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT indicate PCT)	APPLICATION NO.	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Sweden	0203580-6	3 December 2002	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

U.S. APPLICATIONS		STATUS (Check one)		
APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
APPLICATION NO.	FILING DATE	US SERIAL NO. ASSIGNED (if any)		
SE03/01859	1 December 2003			

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the attorneys and agents of Hovey Williams LLP. associated with **Customer Number:**

**23589**

as my attorneys and agents for the purpose of receiving all future correspondence in connection with said patent application and transacting all business in the United States Patent and Trademark Office with respect to said patent application. Those attorneys and agents are:

Robert D. Hovey	19,223	Thomas B. Luebbering	37,874	David V. Ayres	46,529
Warren N. Williams	19,156	Andrew G. Colombo	40,565	Kameron D. Kelly	44,181
Stephen D. Timmons	26,513	Tracy L. Bornman	42,347	Jason E. Gorden	46,734
John M. Collins	26,262	Tracey S. Truitt	43,205	Gregory J. Skoch	48,267
Thomas H. Van Hoozer	32,761	Scott R. Brown	40,535	Jennifer C. Bailey	52,583
Matt P. Harlow, Patent Agent	52,994				

Send correspondence to:  
HOVEY, WILLIAMS, TIMMONS & COLLINS  
2405 Grand, Suite 400  
Kansas City, Missouri 64108

Direct telephone calls to:

(816) 474-9050

FULL NAME OF INVENTOR (201)	FAMILY NAME HILLFORTH	FIRST GIVEN NAME Mikael	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY Älta	STATE OR FOREIGN COUNTRY Sweden	COUNTRY OF CITIZENSHIP Sweden
POST OFFICE ADDRESS	POST OFFICE ADDRESS Äsvägen 8	CITY Älta	STATE & ZIP CODE/COUNTRY Sweden, 138 36

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

DATE

050603

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: )

Mikael HILLFORTH )

Customer No. 23,589

U.S. National Phase Application of )  
International Application No. PCT/SE2003/001859 )

International Filing Date: 1 December 2003 )

Title: AN APPARATUS FOR DETECTING )  
ANIMALS )

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TRANSMITTAL

Transmitted herewith is/are: Express Mail Transmittal (1 pg); Transmittal Letter Form PCTUS1 (2 pgs); International Publication No. WO 2004/049790 corresponding to International Application No. PCT/SE2003/001859 including Abstract, Specification, Claims and TWO (2) sheets of Drawings (18 pages total); International Search Report (3 pgs); Information Disclosure Statement Transmittal and Form 1449 (3 pgs); Copy of EP-A-0 213 660 as reference (18 pgs); Preliminary Amendment Marked Up to Show Changes with re-typed Abstract (10 pgs); Second Copy of published International Application; Check in the amount of \$1130.00 for filing fee; and Return Postcard. This/These document(s) is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, Alexandria, VA 22313-1450 on June 3, 2005.

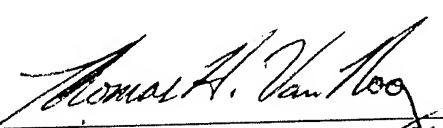
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EV 597772410 US

Respectfully submitted,

HOVEY WILLIAMS LLP

by

  
Thomas H. Van Hoozer, Reg. No. 32,761  
2405 Grand Boulevard, Suite 400  
Kansas City, Missouri 64108  
(816) 474-9050

ATTORNEYS FOR APPLICANT

(Docket No. 36211)



(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



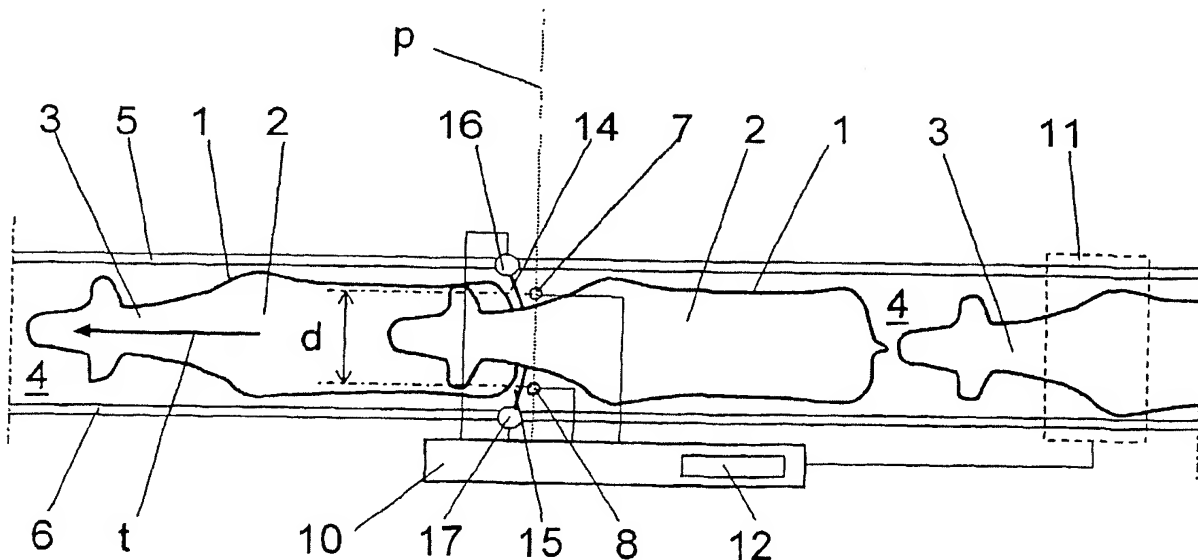
(43) International Publication Date  
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PCT

(10) International Publication Number  
**WO 2004/049790 A1**

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PCT/SE2003/001859
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0203580-6 3 December 2002 (03.12.2002) SE
- (71) Applicant (*for all designated States except US*):  
DELAVAL HOLDING AB [SE/SE]; P.O. Box 39,  
SE-147 21 Tumba (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **HILLFORTH,**  
Mikael [SE/SE]; Asvägen 8, S-138 36 Älta (SE).
- (74) Agents: **BERGLUND, Stefan** et al.; Bjerkéns Patentbyrå  
KB, Östermalmsg. 58, SE-114 50 Stockholm (SE).
- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW; MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: AN APPARATUS FOR DETECTING ANIMALS



(57) Abstract: The invention refers to an apparatus for detecting an animal (1) having a body part (2) and a head part (3). The apparatus comprises an animal passage (4) extending in a transport direction (t), and a sensor device (7, 8) arranged to sense the animal in the passage. The passage is defined by a first enclosure member (5) and a second enclosure member (6). The enclosure members are arranged on a respective side of the passage and extend substantially in parallel to said transport direction. The sensor device is arranged to sense a parameter related to a cross-section size of the animal at a determined position in the passage, and to produce a signal when the parameter fulfils a certain condition.

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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	36211
		Application Number	10/537,632
Title of Invention	AN APPARATUS FOR DETECTING ANIMALS		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

**Secrecy Order 37 CFR 5.2**

- ☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

**Applicant Information:**

<b>Applicant 1</b>				
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>
	MIKAEL		HILLFORTH	
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
<b>City</b>	ALTA	<b>State/Province</b>	<b>Country of Residence i</b>	SWEDEN
<b>Citizenship under 37 CFR 1.41(b) i</b>		SWEDEN		
<b>Mailing Address of Applicant:</b> ASVAGEN 8				
<b>Address 1</b>				
<b>Address 2</b>				
<b>City</b>	ALTA	<b>State/Province</b>		
<b>Postal Code</b>	S-138 36	<b>Countryi</b>	SWEDEN	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. <span style="float: right;">Add</span>				

**Correspondence Information:**

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input checked="" type="checkbox"/> An Address is being provided for the correspondence Information of this application.	
<b>Customer Number</b>	23589
<b>Email Address</b>	tvh@hoveywilliams.com <span style="float: right;">Add Email Remove Email</span>

**Application Information:**

<b>Title of the Invention</b>	AN APPARATUS FOR DETECTING ANIMALS		
<b>Attorney Docket Number</b>	36211	<b>Small Entity Status Claimed</b> <input type="checkbox"/>	
<b>Application Type</b>	Utility		
<b>Subject Matter</b>			
<b>Suggested Class (if any)</b>		<b>Sub Class (if any)</b>	
<b>Suggested Technology Center (if any)</b>			
<b>Total Number of Drawing Sheets (if any)</b>	2	<b>Suggested Figure for Publication (if any)</b>	1

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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	36211
		Application Number	10/537,632
Title of Invention	AN APPARATUS FOR DETECTING ANIMALS		

**Publication Information:**
☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
**Representative Information:**

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> US Representative (37 CFR 11.9)
Customer Number	23589		

**Domestic Priority Information:**

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status				<a href="#">Remove</a>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
10/537,632	National Filing	PCT/SE2003/001859	2003-12-01	

Additional Domestic Priority Data may be generated within this form by selecting the **Add** button.

**Foreign Priority Information:**

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

				<a href="#">Remove</a>
Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed	
0203580-6	Sweden	2002-12-03	<input checked="" type="radio"/> Yes <input type="radio"/> No	

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

**Assignee Information:**

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

<b>Assignee 1</b>	DELAVAL HOLDING AB
If the Assignee is an Organization check here.	<input checked="" type="checkbox"/>

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	36211
		Application Number	10/537,632
Title of Invention	AN APPARATUS FOR DETECTING ANIMALS		

Prefix	Given Name	Middle Name	Family Name	Suffix

**Mailing Address Information:**

Address 1	P.O. BOX 39			
Address 2				
City	TUMBA		State/Province	
Country	SWEDEN		Postal Code	SE 147 21
Phone Number			Fax Number	
Email Address				

Additional Assignee Data may be generated within this form by selecting the Add button.

**Signature:**

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

<b>Signature</b>				Date (YYYY-MM-DD)	
First Name	THOMAS	Last Name	VAN HOOZER	Registration Number	32761

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.